

IN THE SPECIFICATION:

Please replace paragraph 0002 of the specification with the following amended paragraph.

[0002] The present invention generally relates to the field of ~~relates to~~ electronic circuits and more particularly, the invention relates to a voltage-controlled oscillator with active amplifiers.

Please replace paragraphs 0021-0024 of the specification with the following amended paragraphs.

[0021] FIG.1 is a circuit diagram showing generically a voltage controlled oscillator operating by a capacitance variation in its capacitive circuit, ~~according to the present invention;~~

[0022] FIG.2 is a graph showing, in arbitrary units, the values Y taken by the capacitor and the sensitivity of a varactor as a function of the difference between its biasing voltage and its control voltage, ~~according to the present invention;~~

[0023] FIG.3 is a circuit diagram showing a known type of capacitive circuit of for the voltage controlled oscillator of FIG. 1 for implementing a the voltage controlled oscillator in a differential mode, ~~according to the present invention;~~

[0024] FIG.4 is a graph showing, in arbitrary units, the capacitance  $C_b$  exhibited by the circuit of FIG.3 in the case where that circuit comprises just two varactors, and the capacitance  $C_T$  exhibited by the capacitive circuit CAPA of FIG.1 in the case where that circuit is formed by a circuit in conformity with that of FIG.3 and using eight varactors, ~~according to the present invention;~~